

Datasheet for ABIN7565307
SART1 Protein (AA 1-806) (His tag)



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Overview

Quantity:	1 mg
Target:	SART1
Protein Characteristics:	AA 1-806
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SART1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sart1 Protein expressed in mammalian cells.
Sequence:	MGSSKKHRGE KEAAGTTAAA GTGGTTEQPP RHREHKHKHKH RSSGGGSSGG ERRKRSRERG SERGSGRRGA EAEARSGAHG RERSQAEPSE RRVKREKRDD GYAAAASSKA SSGDASSLSI EETNKLRAKL GLKPLEVNAV KKEAGTKEEP VAADVNPMA LRQREELREK LAAAKEKRL NQKLGKIKTL GEDDPWLDDT AAWIERSRQL QKEKDLAEKR AKLLEEMDQE FGVSTLVEEE FEQRRQDLYS ARDLQGLTVE HAIDSFREGE TVVLTLDKDG VLQDGEDVLV NVNMVDKERA DKNVELRKKK PDYLPYAEDE SVDDLAQQKP RSILAKYDEE LEGERPHSFR LEQGGMADGL RERELEEIRT KLRLQAQSL SVGPRLASEY LSPEEMVTFK KTKRRVKKIR KKEKEVIMRA DDLLPLGDQT QDGFSGRLR GRGRRRVPEV EEEALEDEEK DPVAQPPPSD DTRVENMDIS DEEDGGALPP GSPEGLEEDE AELELQKQLE KGRRLRQLQ LQLLRDSGEK VLEIVKKLES RQRGWEEED PERKGTIVFN ATSEFCRTLGI EIPTYGLAGN REEQEELMDF ERDEERSANG GSESDGEENI GWSTVNLDEE KQHQDFSASS TTILDEEPIV NRGLAAALLL CQNKGLLETT VQKVARVKAP NKSLPSAVYC IEDKMAIDDK YSRREEYRGF TQDFKEKDG Y KPDVKIEYVD

Product Details

ETGRKLTPE AFRQLSHRFH GKGSGKMKTE RRMKKLDEEA LLKKMSSSDT PLGTVALLQE
KQKAQKTPYI VLSGSGKSMN ANTITK **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SART1

Alternative Name: Sart1 ([SART1 Products](#))

Background: U4/U6.U5 tri-snRNP-associated protein 1 (Hypoxia-associated factor) (Squamous cell carcinoma antigen recognized by T-cells 1) (SART-1) (mSART-1),FUNCTION: Plays a role in mRNA splicing as a component of the U4/U6-U5 tri-snRNP, one of the building blocks of the spliceosome. May also bind to DNA. {ECO:0000250|UniProtKB:O43290, ECO:0000269|PubMed:10887110}.

Molecular Weight: 90.9 kDa

Target Details

UniProt: [Q9Z315](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months